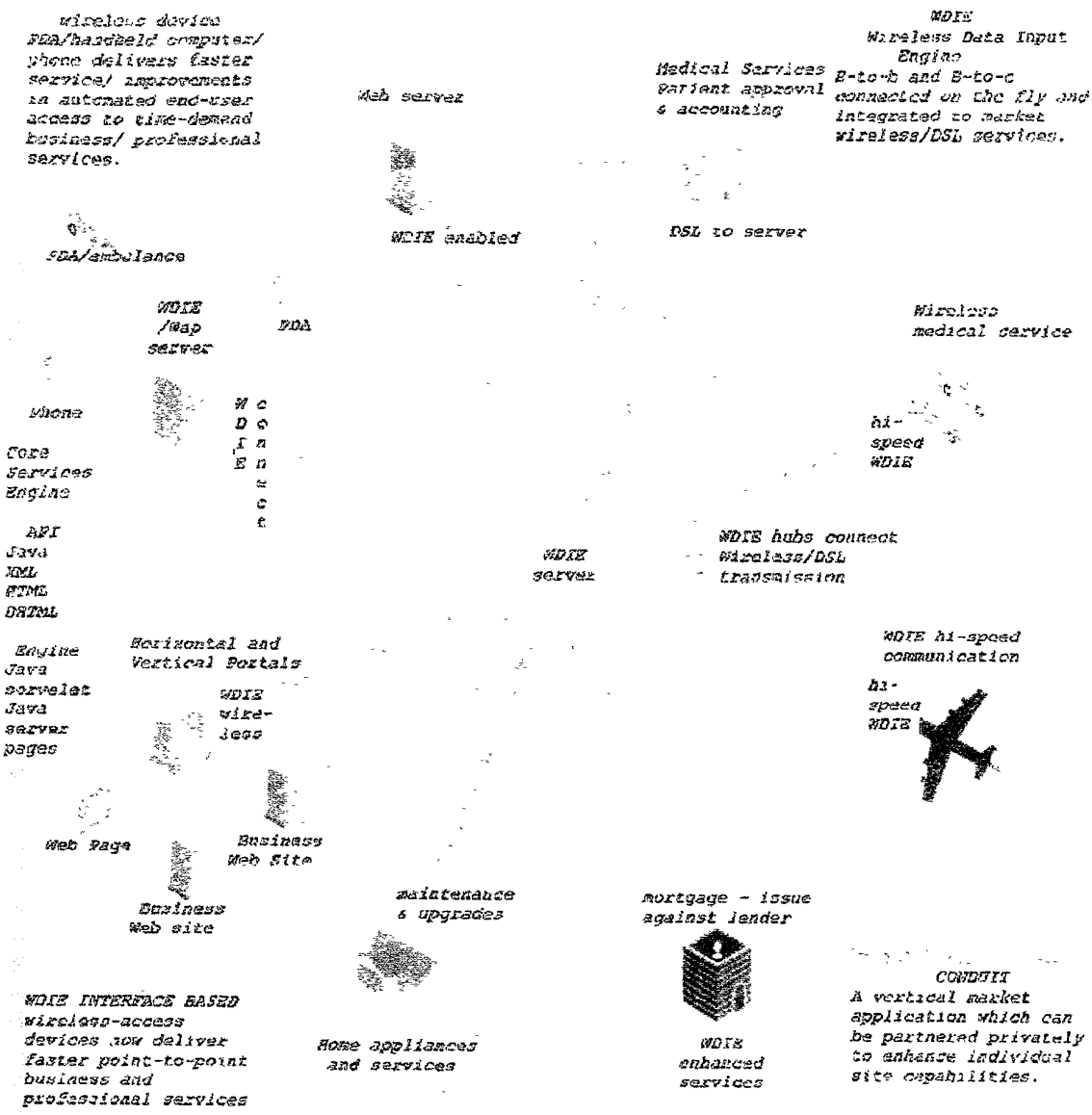


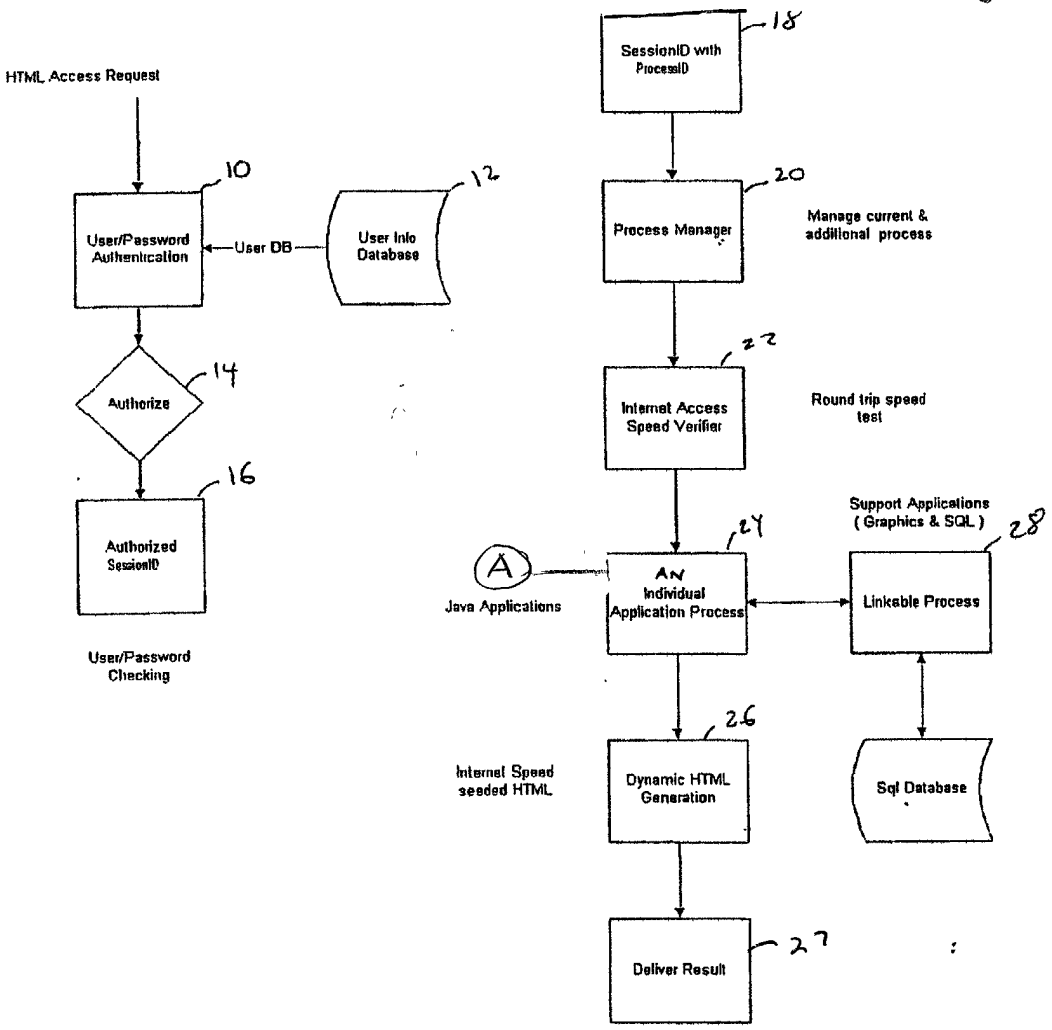

**WDIE ™**

**Wireless Data Input Engine**

FIGURE (1)

PUBLIC SEARCH

Figure 2




Engineering-i Web support block diagram

current

FIGURE 2(A)

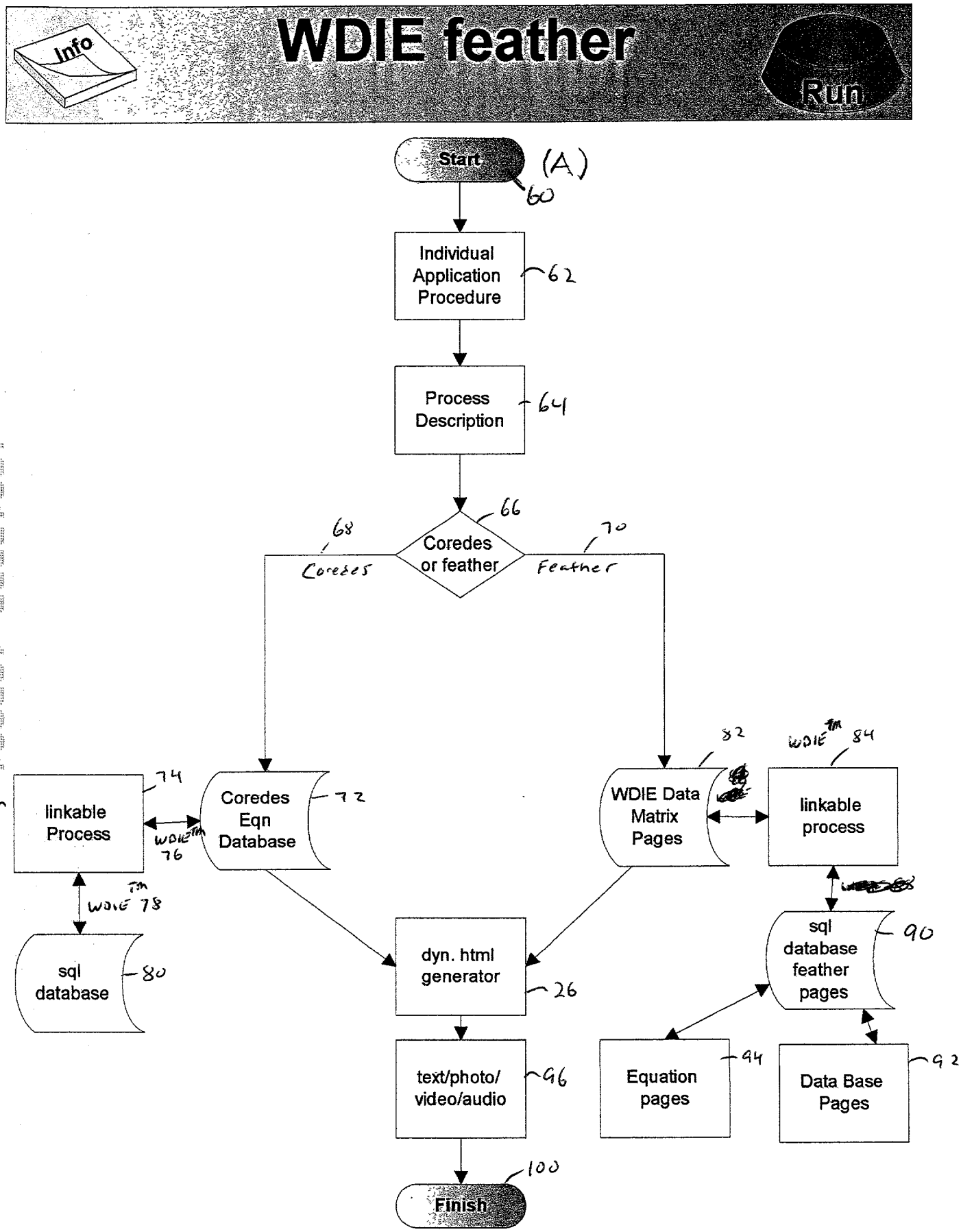

WDIE feather
Info
Run
Start
(A)
60
Individual Application Procedure
62
Process Description
64
66
Coredes or feather
68
Coredes
70
Feather
linkable Process
74
WDIE™
Coredes Eqn Database
72
WDIE™ 76
WDIE™ 78
sql database
80
WDIE Data Matrix Pages
82
WDIE™
linkable process
84
sql database feather pages
90
dyn. html generator
26
text/photo/ video/audio
96
Equation pages
94
Data Base Pages
92
Finish
100

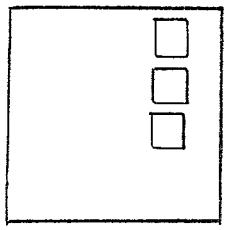
FIGURE 2(B)

WDIE feather

1) EQUATION PAGE

Original Input = _____;□
;□
;□

INPUT



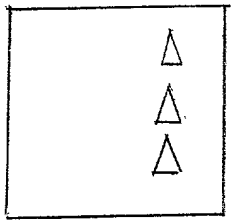
Page

Calculation Yields Output

Δ = ___□___□___□
___□___□___□

Result

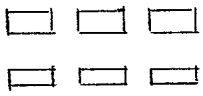
OUTPUT



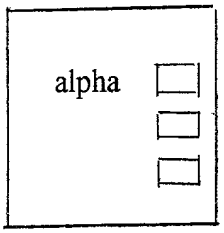
Page

2) DATA MATRIX PAGE

Original Discrete Input Data



INPUT



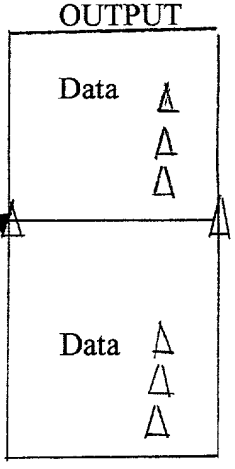

Page

Calculation (if necessary)

Δ = ___□___□___□
___□___□___□

Result

OUTPUT




Page

Page

Output can be the same data, index keyed data or updated data, via mathematical calculation, spreadsheet analysis or updated relational database.

FIGURE 2(C)

WDIE *feather*

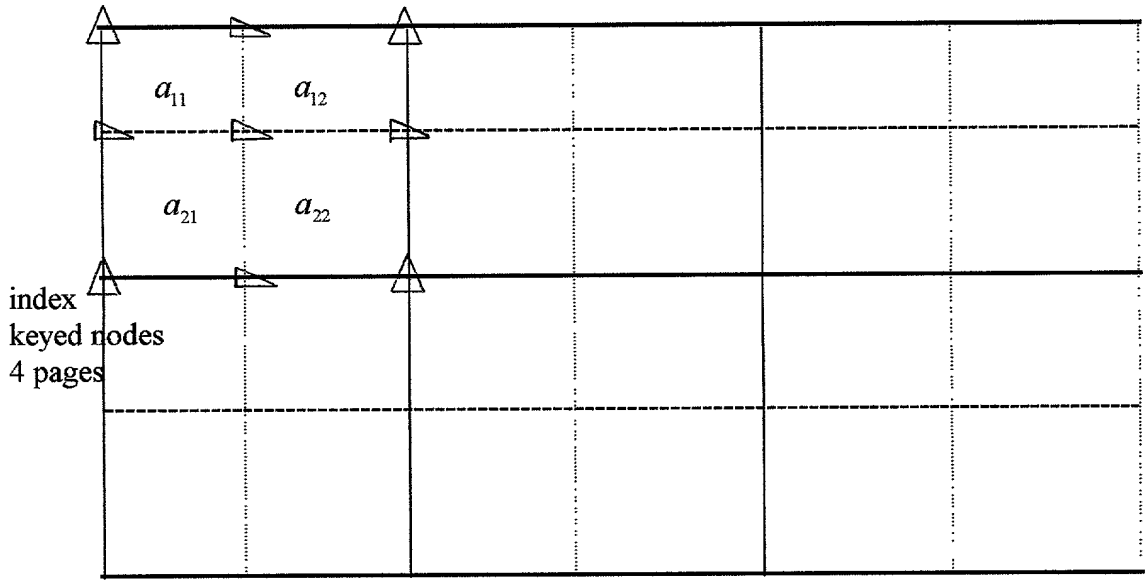
WDIE *feather* is always a page delimited on and transmitted by a server.

The 'grid' System

A connected 'grid' of WDIE feather pages is created and placed over an existing spreadsheet or database page. This 'grid' is becomes an interface to an SQL (relational) database. The index keyed nodes point to a WDIE data page and is linked to an output. For long-distance wireless transmission to small mobile devices, the text is limited to 2k ranges for use on a Palm PDA or other small devices.

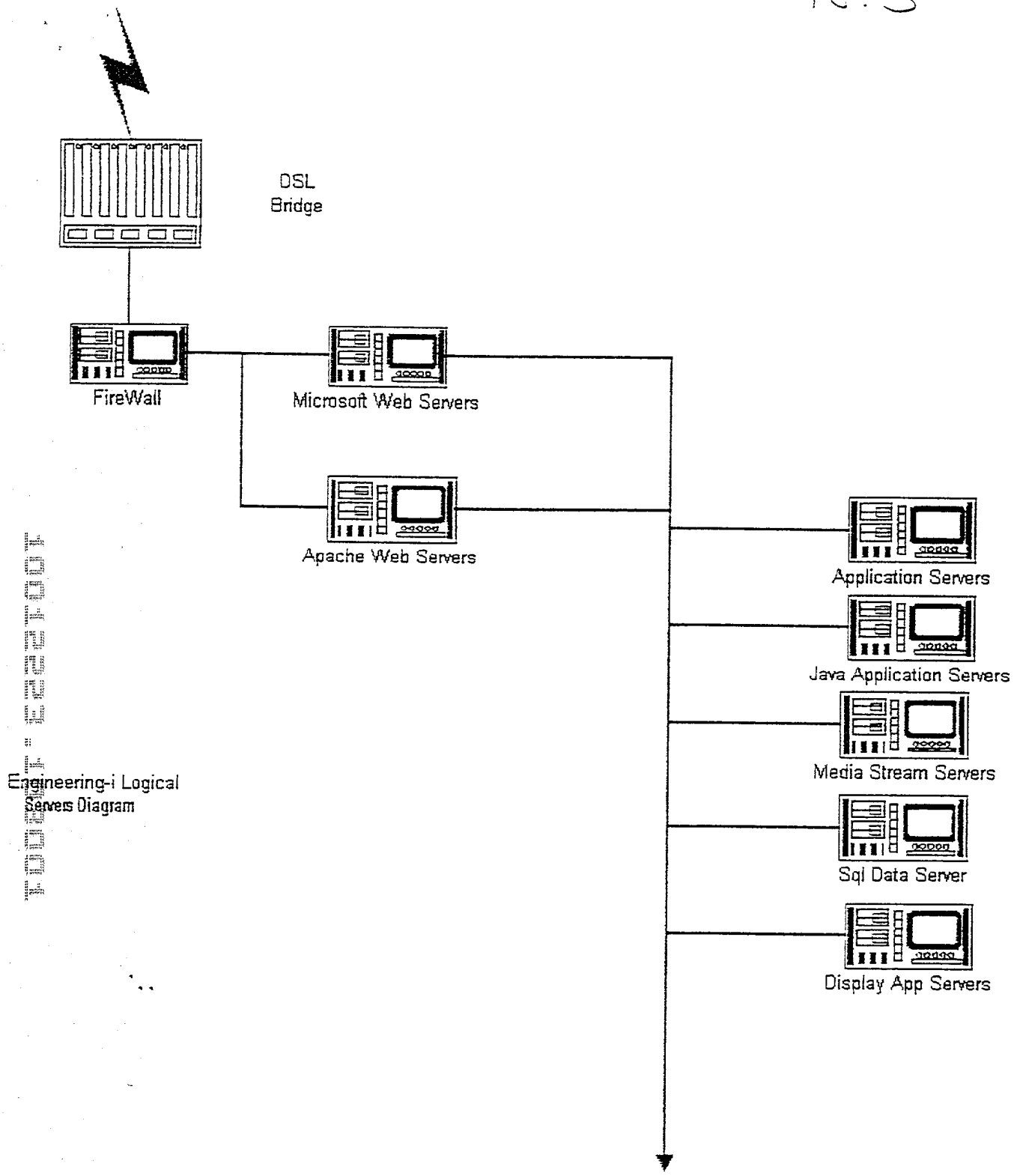
A symmetrical square matrix may be employed for some applications. The choice to use a symmetrical matrix will depend on the organization of the original data.

A 'grid' is illustrated below. In this case, a square matrix composed of WDIE *feather* pages is placed over an existing database page to reduce the original data to WDIE *feather* palm page size input. In this case, each 4 page segment forms a square matrix within which data can be manipulated.




Any page in a 4 page matrix, or any whole square 4 page matrix can be reinserted, via index keying, into the original database to update the original data.

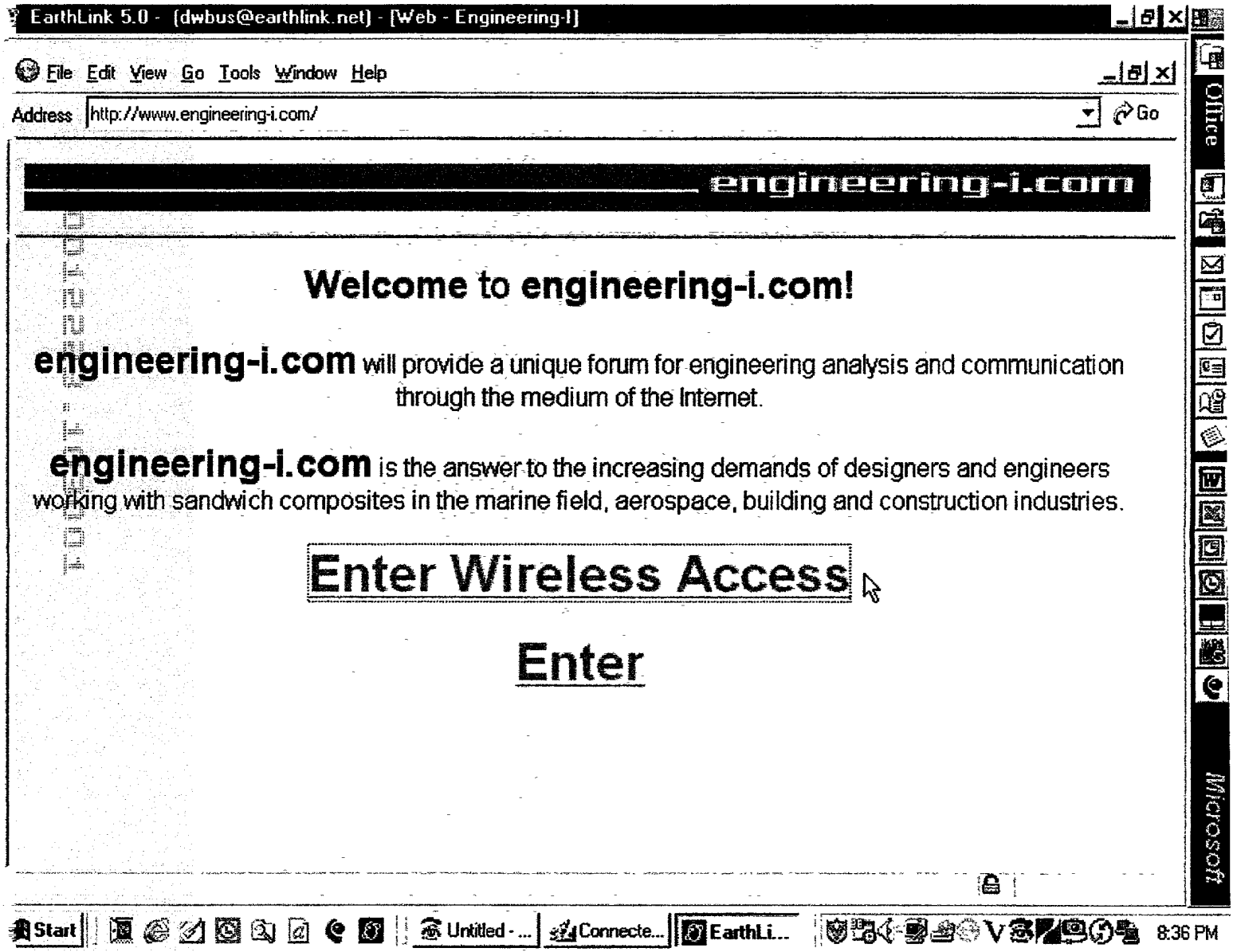
FIG. 3




Engineering-i Logical Servers Diagram

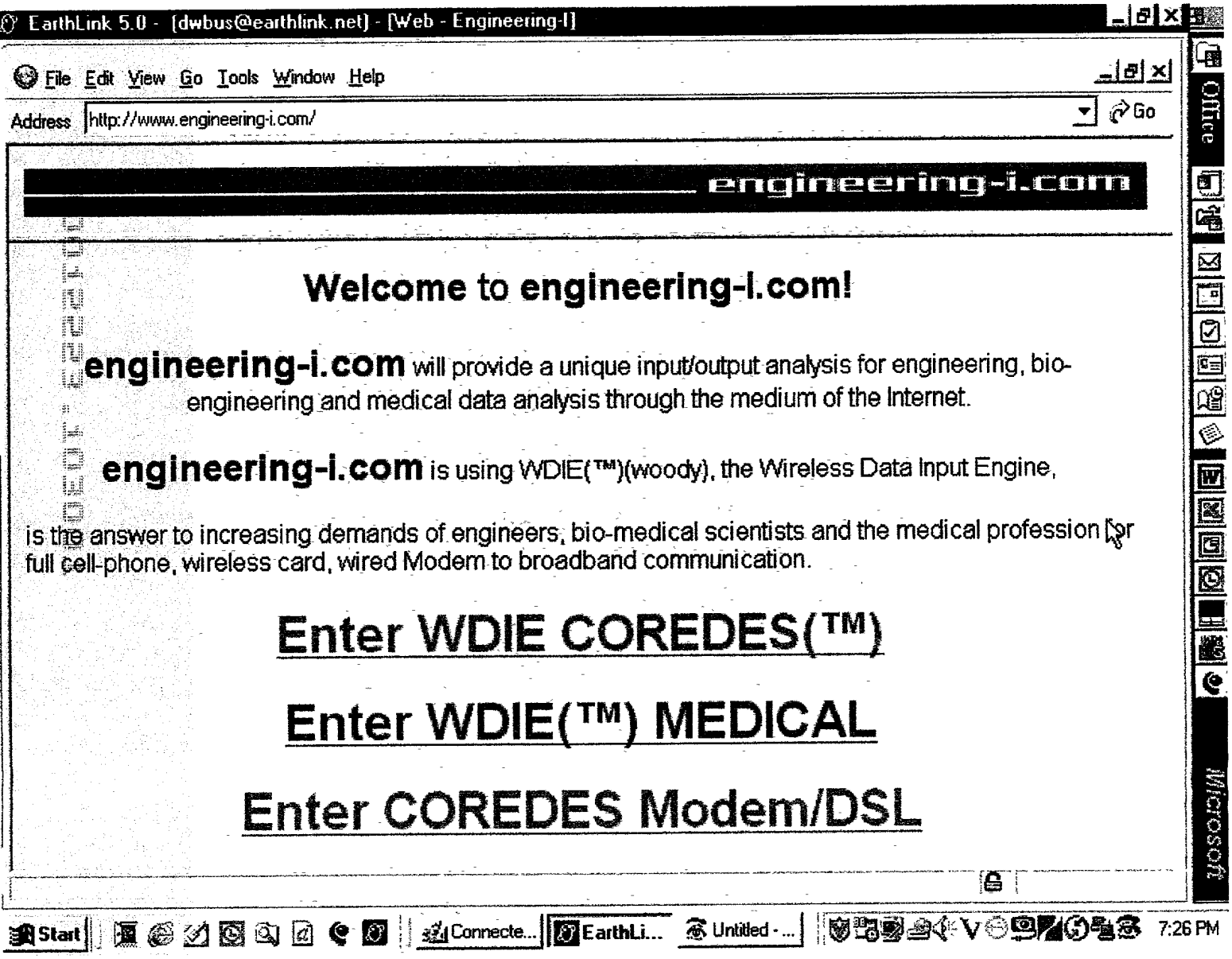
debbiewb
10/12/01 17:43:50

FIGURE (4)



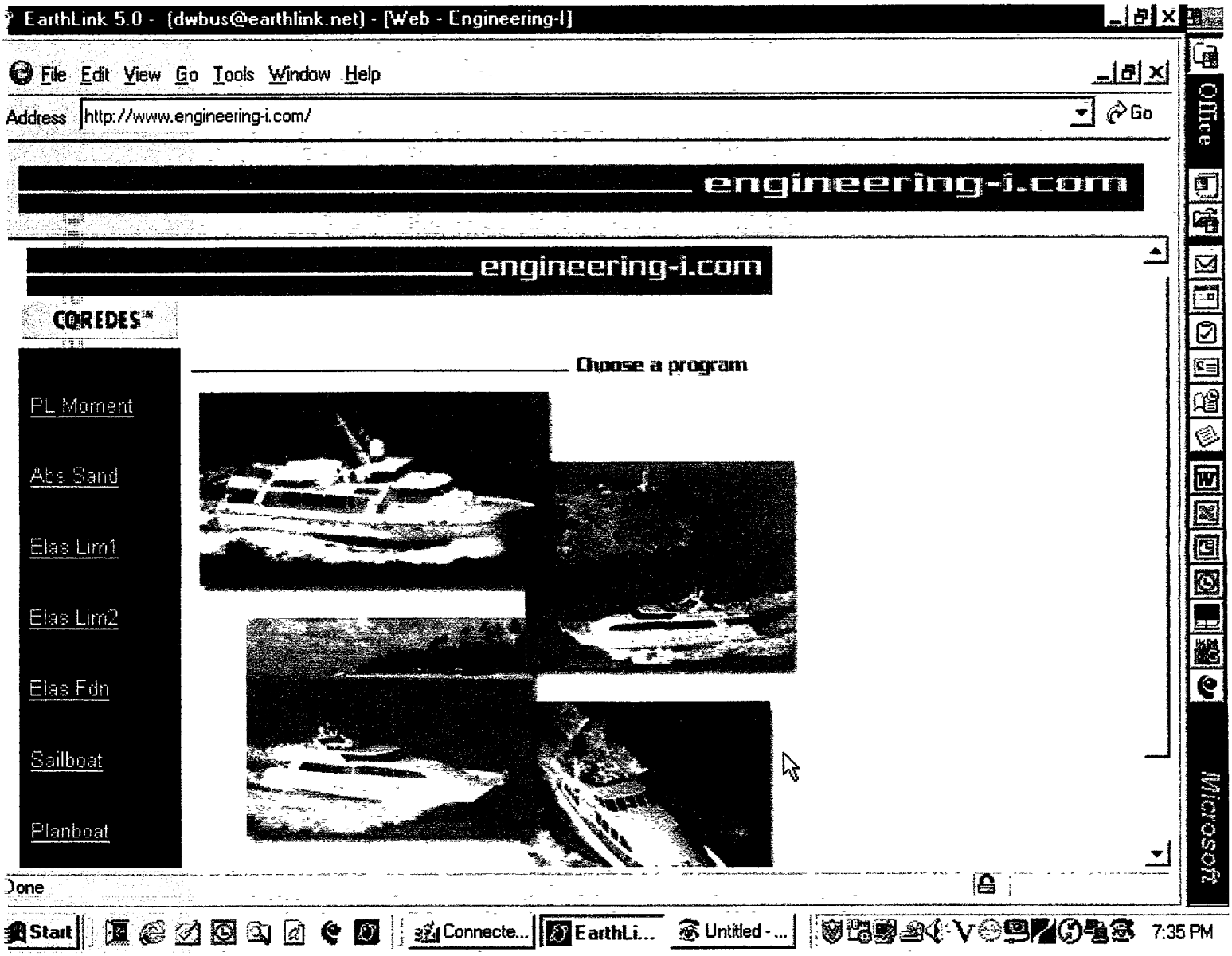
debbiewb
10/21/01 18:57:37

FIGURE 4(A)



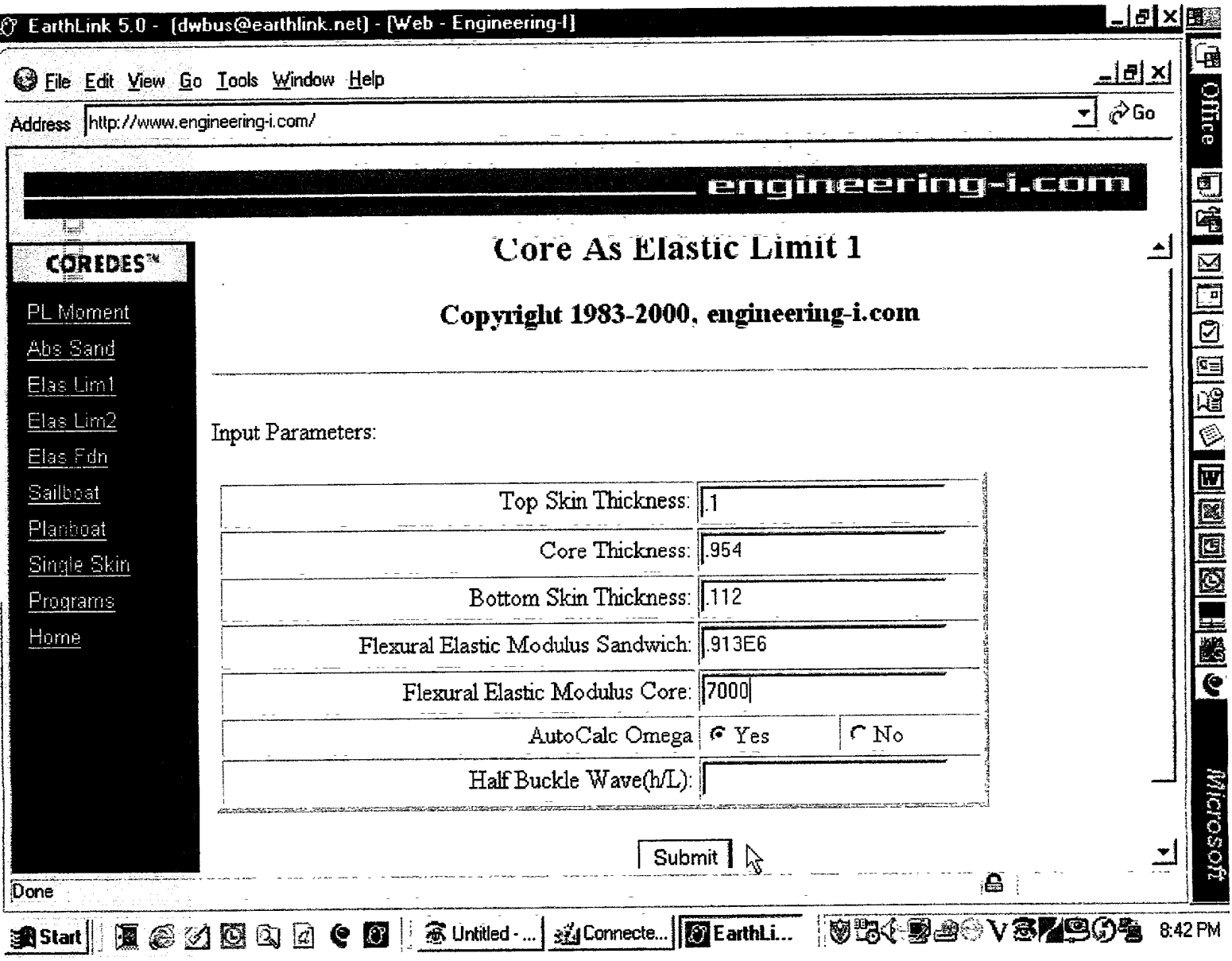
debbiewb
10/12/01 17:55:44

FIGURE (5)



debbiewb
10/12/01 17:45:43

Figure (6)



debbiewb
10/12/01 17:49:03

Figure 13)

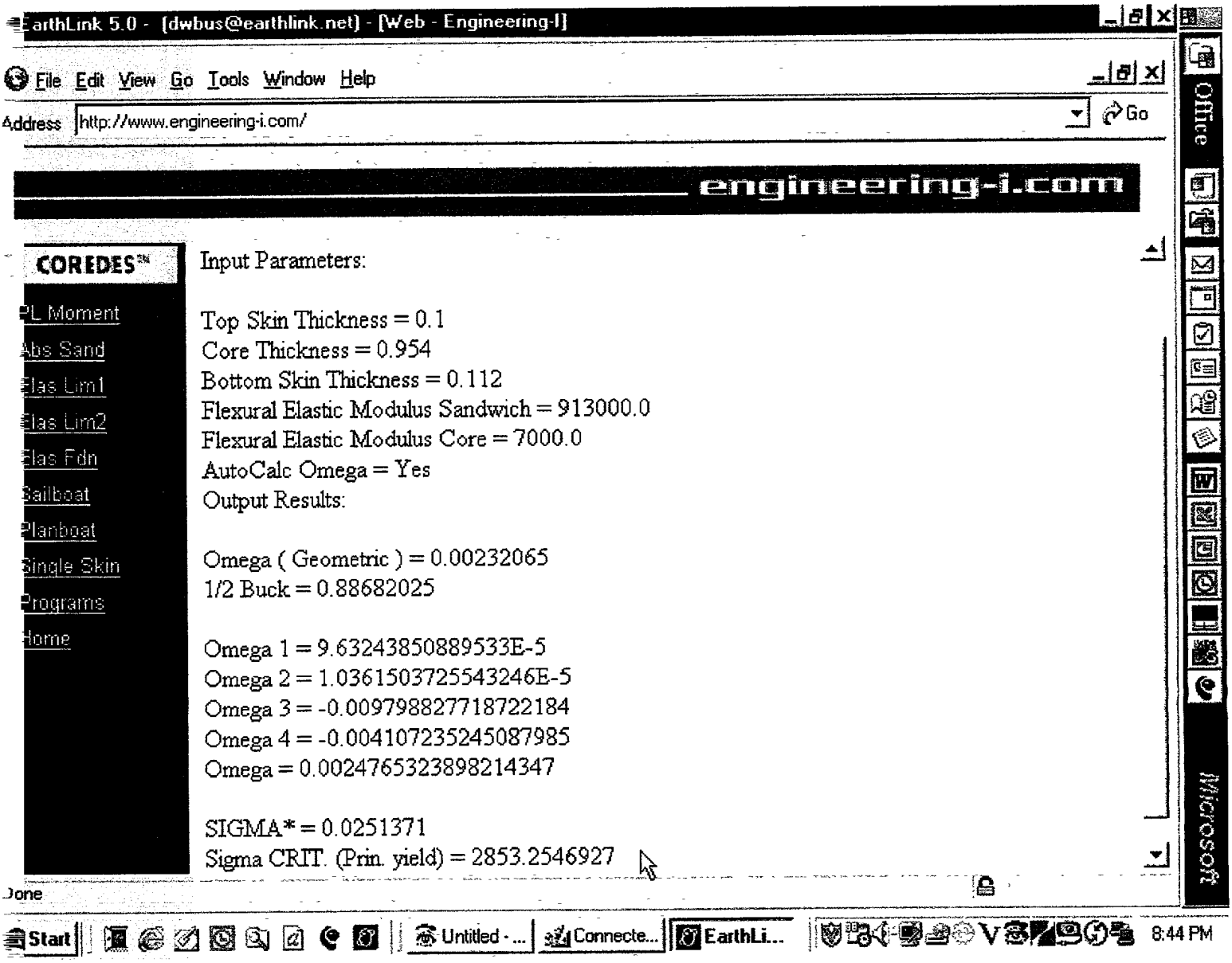
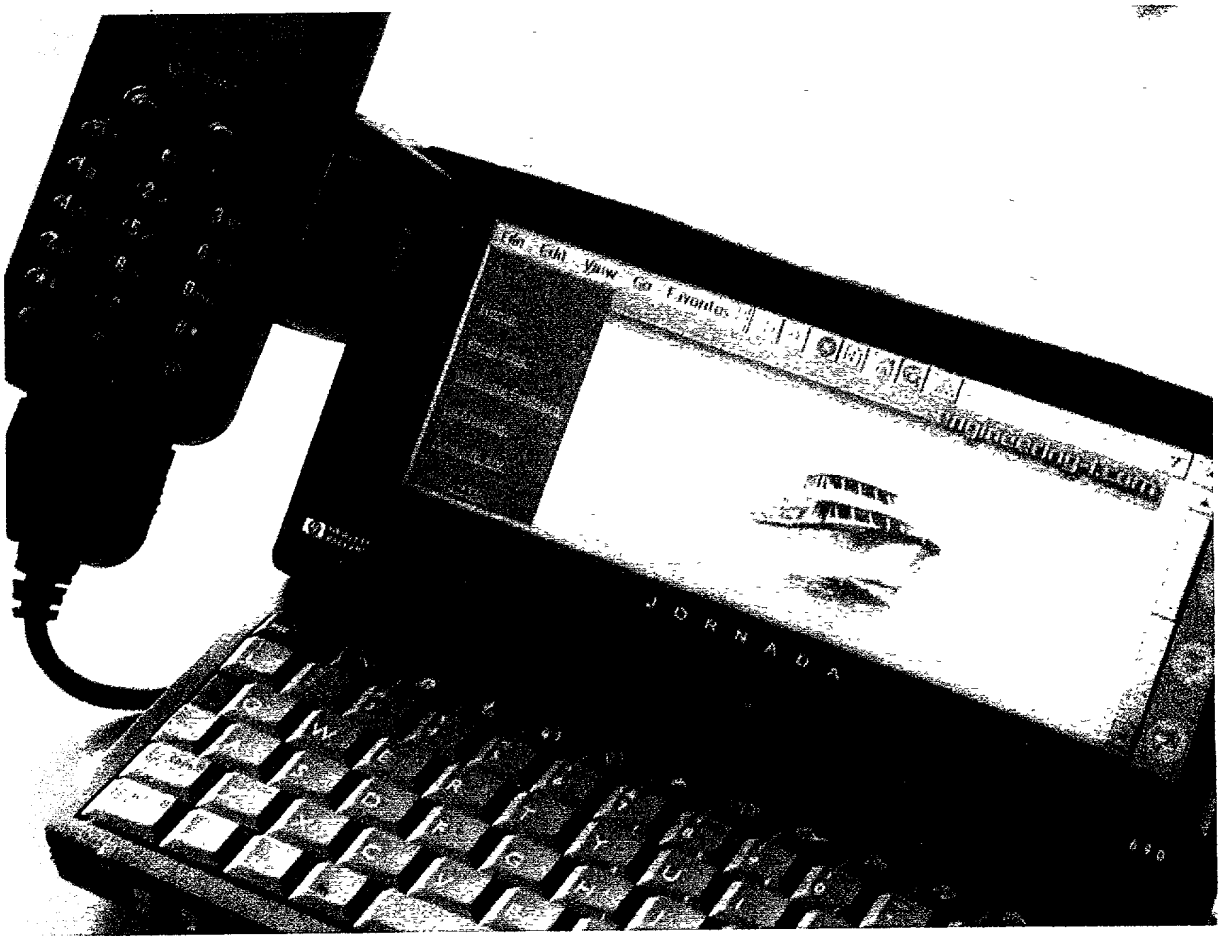
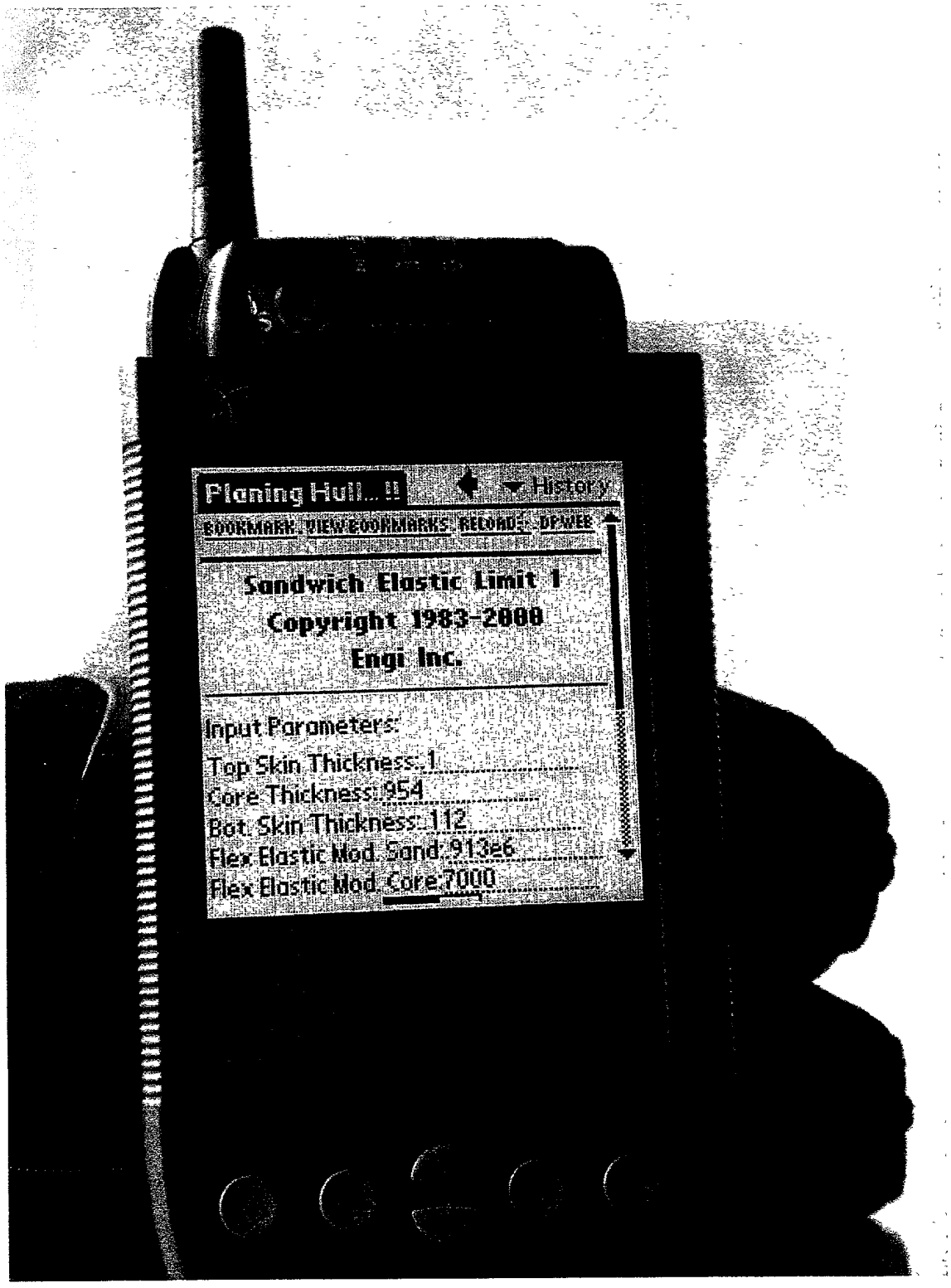


FIGURE (3)

BUNDLED INTERNET SOLUTIONS
engineering ASP (dsl/wireless) for
Sandwich Composite Construction
aerospace, construction

FIGURE (9)




Planing Hull...!!
History
BOOKMARK VIEW BOOKMARKS RELOAD: OPWEB
Sandwich Elastic Limit 1
Copyright 1983-2000
Engi Inc.
Input Parameters:
Top Skin Thickness: 1
Core Thickness: 954
Bot. Skin Thickness: 112
Flex Elastic Mod. Sand: 913e6
Flex Elastic Mod. Core: 7000

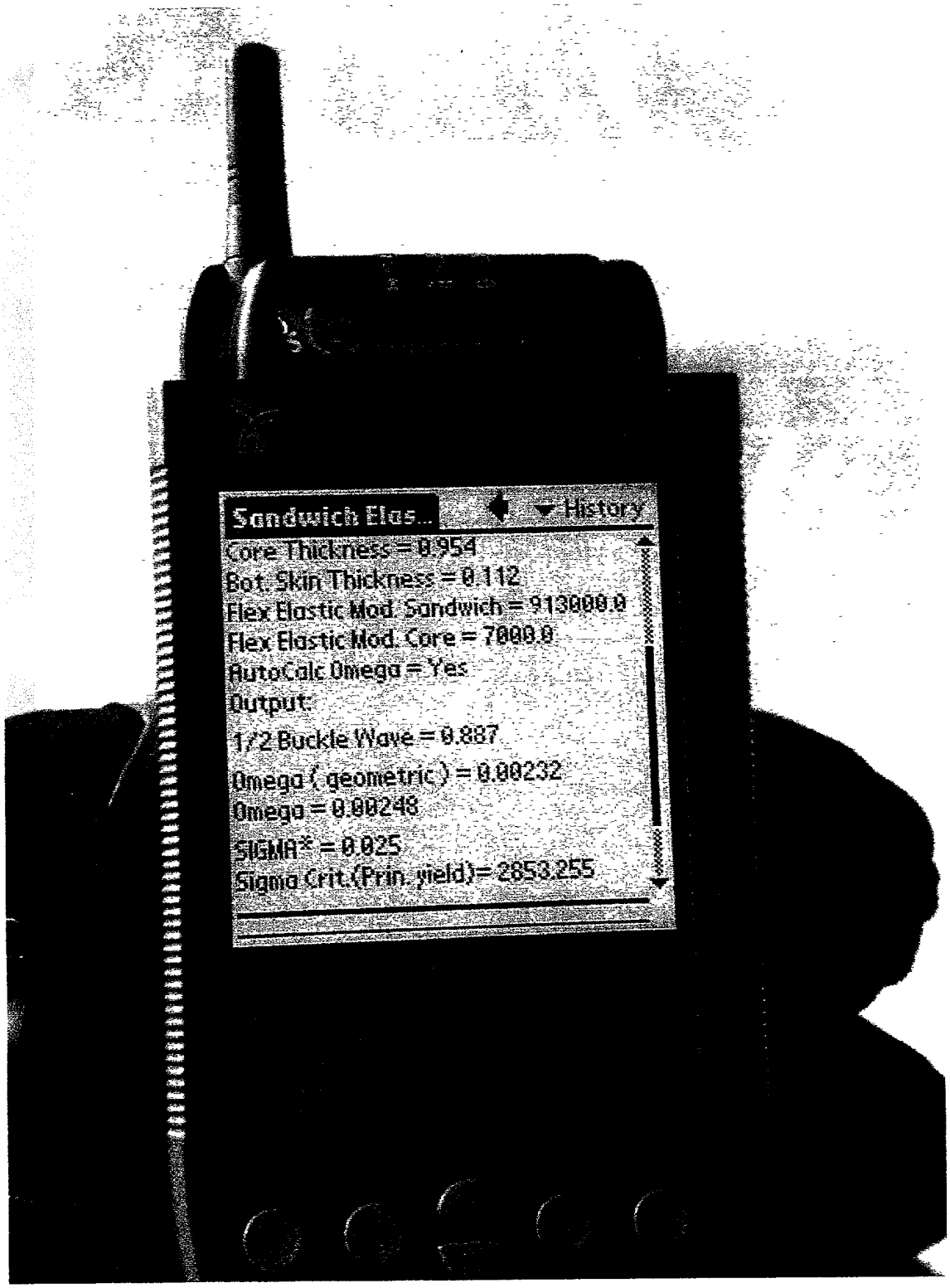
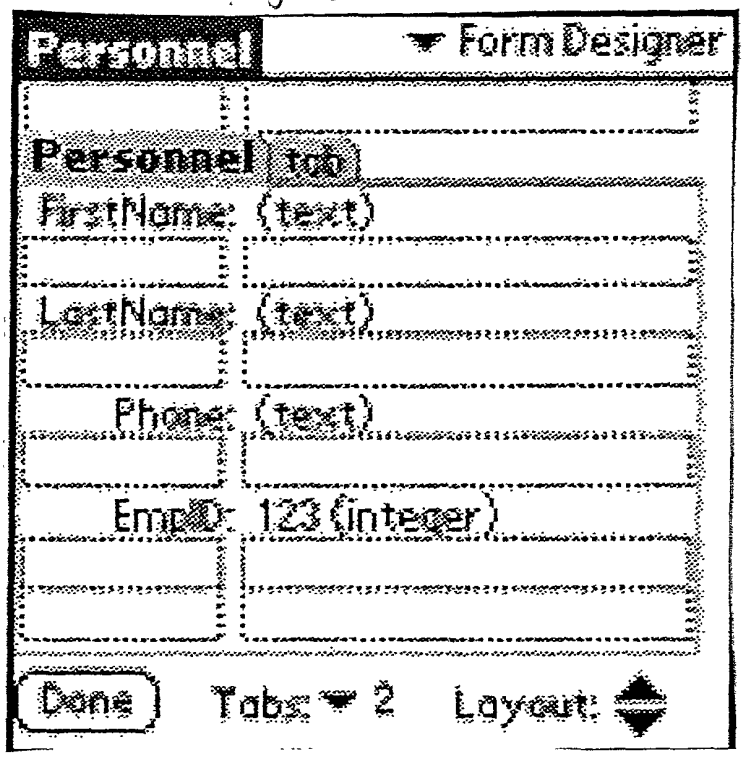

Sandwich Elas...
History
Core Thickness = 0.954
Bot. Skin Thickness = 0.112
Flex Elastic Mod. Sandwich = 913000.0
Flex Elastic Mod. Core = 7000.0
AutoCalc Omega = Yes
Output:
1/2 Buckle Wave = 0.887
Omega ( geometric ) = 0.00232
Omega = 0.00248
SIGMA* = 0.025
Sigma Crit.(Prin. yield)= 2853.255

Figure 12


Personnel
Form Designer
Personnel
rob
FirstName: (text)
LastName: (text)
Phone: (text)
EmpID: 123 (integer)
Done
Tabs: 2
Layout: